EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	34	((CHRISTIAN) near2 (BELOUET)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/10/07 19:46
S2	10	((CLAUDE) near2 (REMY)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/10/07 19:47
S3	0	FR2550965	EPO; JPO; DERWENT	ADJ	ON	2009/10/07 19:51
S9	29	((CHRISTIAN) near2 (BELOUET)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:30
S10	6	((CLAUDE) near2 (REMY)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:32
S11	1	"4616595".pn.	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 10:35
S12	1	"4616595".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:35
S13	3834	(118/405,404,419,401).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:36
S14	0	(156/622,624).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:36
S15	782	(427/86,434.2,434.7).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:36
S16	1	("4616595").URPN.	USPAT	ADJ	ON	2009/10/08 10:37
S17	0	WO "0104388"	USPAT	ADJ	ON	2009/10/08 10:37
S18	1	WO "0104388"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/08 10:37

S19	6	"4661200".pn. OR "4627887".pn. OR "4689109".pn. OR "4594229". pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/08 10:39
S20	0	(156/622,624).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:41
S21	730	(65/336,337,340).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:42
S22	0	S13 and S15 and S21	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:47
S23	5131	S13 or S15 or S21	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:47
S24	37	S23 and (deposit$4 near3 layer) and (molten near3 (bath or silicon or metal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:48
S25	5906	(deposit$4 near3 layer) and (molten near3 (bath or silicon or metal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:50
S26	949	(deposit$4 near3 layer) and (molten near3 (polycrystalline silicon or crystalline silicon or silicon))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:53
S27	16	S26 and ((edge or wall) near3 (control or adjust$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:54
S28	59	S26 and (ribbon or moving support)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 10:55
S29	330	(deposit$4 near3 layer) and (molten near3 (bath or silicon or metal))	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 10:57
S30	11	S29 and (ribbon or moving support)	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 10:57
S31	0	FR "2550965"	US-PGPUB; USPAT	ADJ	ON	2009/10/08 11:02
S32	1	FR "2550965"	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 11:02
S33	1	FR "2386359"	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 11:03
S34	4	(deposit$4 near3 layer) near5 (ribbon or moving support or moving substrate) near5 (molten near3 (bath or metal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 11:54
S35	674	(deposit$4 near3 layer) and (ribbon or moving support or moving substrate) and (molten near3 (bath or metal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 11:54

S36	0	S35 and ((planar or plane) near3 (control near2 edge or control near2 wall))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 11:55
S37	25	S35 and ((planar or plane) near3 (edge or wall))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 11:56
S38	12	deposit$4 near3 layer) and (ribbon or moving support or moving substrate) and (molten near3 (bath or metal))	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 11:59
S39	6	(ribbon or moving support or moving substrate) and (molten near3 (bath or metal)) and ((edge or wall) near3 (control or adjust$4))	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 12:02
S40	1	(ribbon or moving support or moving substrate) and (molten near3 (bath or metal)) and ((edge or wall) near3 (thick$4 or width) near3 control or adjust$4))	EPO; JPO; DERWENT	ADJ	ON	2009/10/08 12:03
S41	23	(ribbon or moving support or moving substrate) and (molten near3 (bath or metal)) and ((edge or wall) near3 (thick$4 or width) near3 control or adjust$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:03
S42	23	(ribbon) and (molten near3 (bath or metal)) and ((edge or wall) near3 (thick$4 or width) near3 (control or adjust$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:08
S43	121	(ribbon) and (molten near3 (bath or metal)) and ((edge or wall) near3 (control$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:08
S44	72	(ribbon) and (molten near3 (bath or metal)) and ((edge or wall) near3 (control$4)) and vertical	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:11
S45	29	(drawing near3 (glass or molten or ribbon)) and ((even or constant) adj (thickness or width) near3 (layer or deposit))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:20
S46	17	(ribbon near3 (glass or molten)) and ((even or constant) adj thickness or width) near3 (layer or deposit))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 12:22
S47	51	(control) near3 (thickness or width) near3 (ribbon near3 (glass or molten))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 13:21
S48	13	(deposit near2 layer) near3 (ribbon near3 (glass or molten))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 13:22
S49	21	(deposit near3 layer) near6 (ribbon near3 (glass or molten))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 13:23
S50	1	("5462596").URPN.	USPAT	ADJ	ON	2009/10/08 13:24
S51	0	(method of apparatus) near3 solar cell	USPAT	ADJ	ON	2009/10/08 13:27
S52	0	(method of apparatus) near3 solar cell	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:27

S53	0	(method of apparatus) and solar cell	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:27
S54	28516	(method or apparatus) and solar cell	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:28
S55	10408	(method or apparatus) same solar cell	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:28
S56	35	S55 and ((draw$4) near10 (deposit$4 near4 layer))	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:29
S57	440	S55 and (molten) and (draw$4) and (deposit$4 near4 layer)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:31
S58	8	S57 and (edges near10 control$4)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:31
S59	8	S57 and (edge near10 control$4)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:31
S60	1	"4353757".URPN.	USPAT	ADJ	ON	2009/10/08 13:33
S61	663	capillary die or edge defined film fed growth	USPAT	ADJ	ON	2009/10/08 13:35
S62	1011	capillary die or edge defined film fed growth	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:35
S63	43	S62 and (edge near10 control$4)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:35
S64	1061	capillary die or edge defined film fed growth or crucible die	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:39
S65	2	S64 and (thickness near6 (deposit near3 layer)) and (edge or wall)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:40
S66	8	S64 and ((deposit near3 layer)) and (planar or plane or longitud$4)	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:41
S67	6	S64 and (rectangul$4 near3 (edge or wall))	US-PGPUB; USPAT	ADJ	ON	2009/10/08 13:44
S68	1000	(extrusion die) and ((control) near3 (thickness or width))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:24
S69	94	S68 and ((edge or wall) near3 (rectangular or longitudinal or parallel))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:25

S70	140	((extrusion die) near3 (flat or film)) and ((control) near3 (thickness or width))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:27
S71	11	S70 and ((edge or wall) near3 (rectangular or longitudinal or parallel))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:27
S72	1147	(extrusion die) near3 (flat or film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:28
S73	126	S72 and (control near2 (thickness or width))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:30
S74	42	(extrusion die) and solar cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:40
S75	0	(extrusion die) near3 ((coat$4 or deposit$4) near2 layer) near3 ((rectangular or square) near3 edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:43
S76	126	(extrusion die) near3 ((coat$4 or deposit$4) near2 layer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:43
S77	3	((extrusion die) near3 (sheet or film)) near6 ((coat$4 or deposit$4) near2 layer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:46
S78	318	((extrusion die) near3 (sheet or film)) and ((coat$4 or deposit$4) near2 layer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:47
S79	72	S78 and (control near2 (thickness or width))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:47
S80	1	"5587184".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:49
S81	2	S78 and (taper$3 edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:52
S82	2	S78 and (taper$3 near3 edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:52
S83	245	(extrusion die or capillary die or edge defined film fed growth or crucible die) and (taper$3 near3 edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 14:53
S84	1	"4616595".pn.	US-PGPUB; USPAT	ADJ	ON	2009/10/08 18:13
S85	0	WO "0104388"	US-PGPUB; USPAT	ADJ	ON	2009/10/08 18:16
S86	1	WO "0104388"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/08 18:16

S87	7	"65".clas. and ((silicon near3 (tape or support or substrate)) with draw$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:40
S88	238	"65".clas. and ((silicon) with draw$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:41
S89	2	"65".clas. and ((polycrystalline silicon) with draw$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:41
S90	146	"65".clas. and ((polycrystalline silicon))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:41
S91	79	"65".clas. and ((polycrystalline silicon)) and crucible	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:43
S92	137	"65".clas. and ((silicon near3 (molten or melt$3)) with crucible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:43
S93	30	((CHRISTIAN) near2 (BELOUET)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:46
S94	6	((CLAUDE) near2 (REMY)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/19 15:46
S95	8	("4520752").URPN.	USPAT	ADJ	ON	2011/12/19 15:50
S96	1373	((molten silicon) with crucible)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2011/12/20 11:15
S97	967	((molten silicon) with crucible)	US-PGPUB; USPAT	ADJ	ON	2011/12/20 11:15
S98	1012	((molten silicon) with crucible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:15
S99	5256	118/400,402,404,405,407,413,415,100,123,108).CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:23
S100	7	S99 and ((molten silicon) with crucible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:23
S101	9	S99 and (((molten or melt$3) near3 silicon) with crucible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:24
S102	3	("4505221").URPN.	USPAT	ADJ	ON	2011/12/20 11:25
S103	9	("4481235").URPN.	USPAT	ADJ	ON	2011/12/20 11:25

S104	26	("4330358").URPN.	USPAT	ADJ	ON	2011/12/20 11:29
S105	210	S99 and ((solar panel) or (semiconductor))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:33
S106	94	"65".clas. and (((molten or melt$3) near3 silicon) with crucible) and ((solar panel) or (semiconductor))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:43
S107	38	"118".clas. and (((molten or melt$3) near3 silicon) with crucible) and ((solar panel) or (semiconductor))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 11:48
S108	0	(polycrystalline) with (carbon tape)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 12:04
S109	0	(polycrystalline) and (carbon tape)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 12:04
S110	27849	(polycrystalline silicon)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 12:04
S111	19740	(polycrystalline silicon) and (solar or semiconductor)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 12:06
S112	667	(polycrystalline silicon) and (solar or semiconductor) and (crucible or ((molten or melt$3) near3 silicon))	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 12:06
S113	4	"4661200".pn. or "4627887".pn. or "4689109".pn. or "4594229".pn.	US-PGPUB; USPAT	ADJ	ON	2011/12/20 14:12
S114	2	"65".clas. and (drawing with (edge guide))	US-PGPUB; USPAT	ADJ	ON	2011/12/20 15:26
S115	258	"65".clas. and (drawing with (edge))	US-PGPUB; USPAT	ADJ	ON	2011/12/20 15:26
S116	11	"65".clas. and (drawing same (edge near3 guid$3))	US-PGPUB; USPAT	ADJ	ON	2011/12/20 15:26
S117	70	"65".clas. and (drawing same (edge near3 guid$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:26
S118	1544	"65".clas. and corning.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:28
S119	466	S118 and edge	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:28
S120	471	S118 and (draw$3 near3 (sheet or glass or ribbon))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:28

S121	153	S120 and edge	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:28
S122	2	S120 and (edge near3 (holder or guide))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:34
S123	33	S118 and ((draw$3 near3 (sheet or glass or ribbon)) same downdraw $3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:35
S124	12	S123 and edge	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:35
S125	0	S123 and ((prevent$3 or stop$3 or suppress$3) near3 (motion or vibrat$3 or oscillat$3 or moving or movement))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:37
S126	19	S120 and ((prevent$3 or stop$3 or suppress$3) near3 (motion or vibrat$3 or oscillat$3 or moving or movement))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:38
S127	33	S120 and ((prevent$3 or stop$3 or suppress$3) with (motion or vibrat $3 or oscillat$3 or moving or movement))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:39
S128	14	S127 not S126	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:39
S129	1905	"65".clas. and ((draw$3 near3 (sheet or ribbon)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:40
S130	226	S129 and ((prevent$3 or stop$3 or suppress$3) with (motion or vibrat $3 or oscillat$3 or moving or movement))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:41
S131	41	S129 and ((prevent$3 or stop$3 or suppress$3) with (motion or vibrat $3 or oscillat$3 or moving or movement) with edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:41
S132	18	"65".clas. and ((updraw$3 near3 (sheet or ribbon)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:44
S133	1905	"65".clas. and ((draw$3 near3 (sheet or ribbon)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:45
S134	1179	S133 and edge	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:52
S135	32	S133 and (edge near3 (guide))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:52
S136	2	S133 and (guide with (non contact$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:54
S137	32	S133 and ((non contact$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:55

S138	65876	((draw$3 near3 (sheet or ribbon)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:58
S139	95	((draw$3 near3 (sheet or ribbon))) with ((prevent$3 or stop$3 or suppress$3) with (motion or vibrat$3 or oscillat$3 or moving or movement) with edge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 15:59
S140	5187	(427/86,434.2,434.7).ccls. OR (118/405,404,419,401).ccls. OR (65/336,337,340).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 18:35
S141	0	S140 and (polycrystalline silicon) and (solar or semiconductor)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 18:35
S142	0	S140 and (polycrystalline silicon)	EPO; JPO; DERWENT	ADJ	ON	2011/12/20 18:36
S143	9	S140 and (polycrystalline silicon) and (solar or semiconductor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 18:36
S144	10	S140 and (polycrystalline silicon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/20 18:36
S145	126	"65".clas. and (draw$3 near3 (ribbon or sheet or glass)) and (weir)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:32
S146	47	"65".clas. and (draw$3 near3 (ribbon or sheet or glass)) and (forming with baffle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:35
S147	0	"65".clas. and (draw$3 near3 (ribbon or sheet or glass)) and (forming appartus)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:39
S148	4492	"65".clas. and (draw$3 near3 (ribbon or sheet or glass)) and (forming)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:39
S149	84	"65".clas. and (draw$3 near3 (ribbon or sheet or glass)) and ((molten or melt$3) with baffle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:39
S150	2143	(capillary action) and ((molten or melt$3) near3 metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:42
S151	736	(capillary action) same ((molten or melt$3) near3 metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:42
S152	26	((capillary action) with (slot or channel or orifice)) same ((molten or melt$3) near3 metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:50
S153	6193	"65".clas. and (draw$3 near3 (ribbon or sheet or glass))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/12/21 11:54

EAST Search History (Interference)

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12/21/2011 1:11:53 PM
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